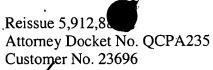
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IN THE CLAIMS

Please add the new claims 23 – 44 as follows:

23(New). In a wireless communication system, a method comprising:

2 transmitting a data frame;

transmitting a push-to-talk frame subsequent to the data frame; and transmitting a second data frame subsequent to the push-to-talk data frame.

24(New). The method as in claim 23, wherein the push-to-talk frame initiates a push-to-talk communication.

25(New). The method as in claim 24, wherein the second data frame is directed to a private network.

26(New). The method as in claim 23, further comprising:
identifying the second data frame as a push-to-talk frame for
communication in the private network.

27(New). The method as in claim 23, wherein the second data frame is part of an encrypted message, the method further comprising:

identifying a packet boundary of the encrypted message.

28(New). A program embodied on a computer-readable medium containing computer-executable instructions to transmit a data signal structure embodied on a carrier wave, comprising:

a first set of instructions for generating a first data packet; a second set of instructions for generating a push-to-talk packet; and a third set of instructions for generating a second data packet.

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Reissue 5,912,88 Attorney Docket No. QCPA235 Customer No. 23696

29(New). A mobile station capable of voice communications through a wireless

- 2 communication network, comprising:
 - a switch operative to generate push-to-talk signals;
- a processor coupled to the switch, operative to generate a push-to-talk data packet based on at least one of said push-to-talk signals; and
- a transmitter coupled to the processor operative to send the push-to-talk data packet to the wireless communication network.
 - 30(New). The mobile station as in claim 29, further comprising:
- a second switch coupled to the transmitter, the second switch operative to select between normal operation and push-to-talk operation.
- 31(New). The mobile station as in claim 29, wherein the processor is further operative to generate push-to-talk requests.
- 32(New). The mobile station as in claim 31, wherein the mobile station is
 2 associated with a user that is a member of a push-to-talk private network and the
 private network is identified by an access number; and
- wherein the processor is further operative to generate authentication information for confirming membership in a private network.
 - 33(New). The mobile station as in claim 29, further comprising:
- encryption means for encrypting data packets for transmission to the private network via the wireless communication network.
 - 34(New). The mobile station as in claim 29, wherein the mobile station is operative to generate push-to-talk data packets interleaved with data packets.
 - 35(New). The mobile station as in claim 34, further comprising:
- vocoder means for converting voice data into compressed voice data packets for transmission from the mobile station.

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36(New). A method for private network communications, comprising:
sending a push-to-talk request for initiating a push-to-talk communication.



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sending a push-to-talk request for initiating a push-to-talk communication in a private network, wherein the private network is accessed via a public switching telephone network; and

transmitting a push-to-talk data packet to at least one other user in the private network.

37(New). The method as in claim 36, further comprising: receiving a request-for membership confirmation; and confirming membership in the private network.

38(New). A mobile station for communicating through a wireless communication network, comprising:

first means for transmitting signals in a normal operation to the public switching telephone network; and

second means for transmitting signals in a private network operation, wherein the second means generates push-to-talk type data packets.

39(New). A mobile station operative for communicating through a wireless communication network, comprising.

switching means for switching between a normal operating mode and a point-to-mulitpoint private network operating mode; and second means for generating point-to-multipoint private network request signals.

40(New). In a wireless communication system, a network call manager, comprising:

a network controller operative to process and route data packets
transmitted within the wireless communication system; and
a push-to-talk controller operative to process and route push-to-talk
requests and private network data packets.

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41(New). The network call manager as in claim 40, wherein the push-to-talk
controller stores at least one access number associated with a first private network.

42(New). The network call manager as in claim 40, wherein the push-to-talk controller stores at least one access number associated with a second private network.

43(New). The network manager as in claim 40, wherein the push-to-talk

- controller is operative to receive more than one push-to-talk communications, wherein push-to-talk communications are processed according to an associated
- 4 priority of each push-to-talk communication.

44(New). A wireless communication system, comprising:

- a network call manager for facilitating private communications
 simultaneously among a plurality of mobile users, at least some of said
 plurality of mobile users being members of a private network, the
 network call manager comprising:
- means for receiving a point-to-point transmission comprising a
 plurality of voice data packets and a point-to-multipoint
 transmission comprising a plurality of private network data
 packets;

means for directing point-to-point transmissions;

means for receiving a request for a point-to-multipoint transmission to the private network;

means for directing the point-to-multipoint data packets to the private network in response to the request; and a private network of mobile stations operative to transmit point-to-point transmissions and point-to-multipoint

transmissions.